



This is one in a series of Fact Sheets on the remedies selected in the Records of Decision (ROD) for the Main Installation (2001) and Dunn Field (2004).

EXCAVATION, TRANSPORT AND DISPOSAL

The selected remedy for disposal sites at Dunn Field includes Excavation, Transport and Disposal (ET&D) at an offsite facility. The Final Remedial Design (RD) for the Dunn Field Disposal Sites was approved by the Environmental Protection Agency (EPA) in May 2004.

ET&D will be used to remove debris and impacted soil from specific disposal sites located in the Disposal Area and the Stockpile Area on the west side of Dunn Field. A pre-design investigation was performed at 17 former disposal sites designated as high and medium priority based on the results of the Dunn Field Remedial Investigation.

The results of the investigation, which is included as an appendix to the Disposal Sites RD, determined that ET&D is required at five disposal sites based on the presence of debris (glass bottles and drums) and/or concentrations of benzene and other hydrocarbons, copper and/or lead above the clean-up levels in the Dunn Field ROD.

Chlorinated volatile organic compounds (CVOCs) were also detected at some disposal sites. Soil vapor extraction (SVE) has been selected as the remedy to reduce CVOC concentrations in subsurface soils.

The SVE will be designed as part of the overall groundwater cleanup at Dunn Field and will be described in a separate RD and Fact Sheet.

Approximately 2,300 cubic yards of soil will be excavated at the five disposal sites. Soil will be placed in containers or on plastic sheeting and will be covered. The soil will be tested to determine the proper disposal requirements and then transported to an approved land disposal facility.

Once excavation is complete, the soil around the excavation will be tested to ensure the remaining meets the cleanup criteria. The excavated soil will be replaced with clean fill.

The planned future land use is light industrial. Permanent deed restrictions will be put in place to prevent future residential land use within Dunn Field.

More information on excavation can be found in the EPA's *Citizen's Guide to Soil Excavation*, located on the following website:

<http://www.epa.gov/tio/download/citizens/excavation.pdf>.

The Environmental Protection Agency (EPA) and the Tennessee Department of Environment and Conservation (TDEC) will review the effectiveness of this remedy at five-year intervals to ensure the site continues to be safe for community reuse.

For more information on the cleanup remedies being used at the former Memphis Depot, call our Community Relations Office at (901) 774-3683. The RODs and the final RDs for the Main Installation and Dunn Field Disposal Sites are available for reference in the Depot's three Information Repositories located at the Depot, the Cherokee Branch Library and the Memphis/Shelby County Health Department.